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JUN 21 2007

IN THE CLAIMS:

1. (Currently amended) A computer program product for resetting a first application or application instance, said program product comprising:

a computer readable medium;

first program instructions, responsive to a request to reset said first application or application instance, for identifying objects associated with said first application or application instance;

second program instructions, responsive to the request to reset said first application or application instance, for determining one or more of said objects associated with said first application or application instance which were defined by a user of said first application or application instance and determining one or more of said objects associated with said first application or application instance which were automatically created by a computer system including said first application or application instance; and

third program instructions, responsive to the request to reset said first application or application instance, for writing a script program to command said first application or application instance to delete said one or more objects, associated with said first application or application instance, which were created by said user of said first application or application instance; and wherein

said computer program product does not, in response to said request to reset said first application or application instance, command deletion of said one or more objects, associated with said first application or application instance, which were automatically created by said computer system, such that said one or more objects, associated with said first application or application instance, which were automatically created by said computer system are not deleted in response to said request to reset said first application or application instance; and

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said first, second and third program instructions are recorded on said medium.

2. (Previously amended) A computer program product as set forth in claim 1 wherein one of said one or more objects, associated with said first application or application instance, which were created by said user of said first application or application instance, is a message queue object.

3. (Previously amended) A computer program product as set forth in claim 2 further comprising fourth program instructions, responsive to the request to reset said first application or application instance, to write into said script program a command to said first application or application instance to delete work items on said message queue object, such that said command to delete work items on said message queue object is executed before the command to delete said message queue object; and wherein said fourth program instructions are recorded on said medium.

4. (Previously amended) A computer program product as set forth in claim 1 wherein:

there is a message queue object associated with said first application or application instance;

said third program instructions also write into said executable program another command to said first application or application instance to stop a channel connection of another, remote application or application instance to said message queue object, to remove a lock on said message queue object held by said remote application or application instance; and

said third program instructions also write into said executable program another command to said first application or application instance to delete said message queue object after execution of said command to stop said channel connection of said remote application or application instance.

Claim 5. (Canceled)

6. (Previously amended) A computer program product as set forth in claim 2 wherein said first application or application instance is a middle ware application or application instance which manages said message queue object.

Claims 7- 20. (Canceled)

21. (Currently Amended) A computer system for resetting a first application or application instance, said computer system comprising:

a central processing unit;

a computer readable media;

means; responsive to a request to reset said first application or application instance; for identifying objects associated with said first application or application instance;

means; responsive to a request to reset said first application or application instance; for determining one or more of said objects associated with said first application or application instance which were defined by a user of said first application or application instance and determining one or more of said objects associated with said first application or application instance which were automatically created by said computer system including said first application or application instance; and

means; responsive to a request to reset said first application or application instance; for writing a script program to command said first application or application instance to delete said one or more objects, associated with said first application or application instance, which were created by said user of said first application or application instance; and wherein

said computer system does not, in response to said request to reset said first application or application instance, delete said one or more objects, associated with said first application or application instance, which were automatically created by said computer system, such that said one or more objects, associated with said first application or application instance, which were automatically created by said computer system are not deleted in response to said request to reset said first application or application instance; and

the identifying means, the determining means and the writing means are loaded onto said computer readable media in said computer system for execution on said central processing unit.

22. (Currently Amended) A computer system as set forth in claim 21 wherein one of said one or more objects, associated with said first application or application instance, which were created by said user of said first application or application instance, is a message queue object; and further comprising means, responsive to the request to reset said first application or application instance, for writing into said script program a command to said first application or application instance to delete work items on said message queue object, such that said command to delete work items on said message queue object is executed before the command to delete said message queue object; and wherein the means for writing into said script program a command to said first application or application instance to delete work items on said message queue object are loaded onto said computer readable media in said computer system for execution on said central processing unit.

23. (Currently Amended) A computer system as set forth in claim 21 wherein there is a message queue object associated with said first application or application instance; and further comprising:

means; responsive to the request to reset said first application or application instance; for writing into said executable program another command to said first application or application instance to stop a channel connection of another, remote application or application instance to said message queue object, to remove a lock on said message queue object held by said remote application or application instance; and

means; responsive to the request to reset said first application or application instance; for writing into said executable program another command to said first application or application instance to delete said message queue object after execution of said command to stop said channel connection of said remote application or application instance; and wherein

the means for writing into said executable program another command to said first application or application instance to stop said channel connection are loaded onto said computer readable media in said computer system for execution on said central processing unit; and

the means for writing into said executable program another command to said first application or application instance to delete said message queue object are loaded onto said computer readable media in said computer system for execution on said central processing unit.

Cancel claims 24-35.